

ABSTRACT

A video-information encoding apparatus and decoding apparatus with a guarantee of a fixed processing time. By limiting the amount of data to be input into/output from a CABAC encoding unit and decoding unit on a unit-of-encoding basis, such as one picture, slice, macroblock or block, and by encoding uncompressed video data, it is possible to provide a video-information encoding apparatus and decoding apparatus with a guarantee of a fixed processing time. Thereby, an apparatus with a guarantee of the processing time can be mounted.